

Product datasheet for **TA365427**

WARS2 Rabbit Polyclonal Antibody

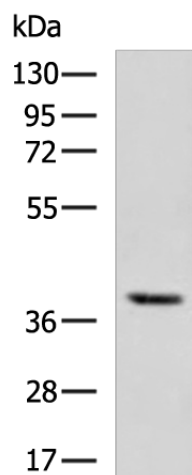
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: LNCAP cell lysate
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human WARS2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	40 kDa
Gene Name:	tryptophanyl tRNA synthetase 2, mitochondrial
Database Link:	Entrez Gene 10352 Human Q9UGM6
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. This gene encodes the mitochondrial tryptophanyl-tRNA synthetase. Two alternative transcripts encoding different isoforms have been described.
Synonyms:	(Mt)TrpRS; TrpRS



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Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: LNCAP cell lysate
Primary antibody: TA365427 (WARS2 Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 20 seconds